



**TROPICAL CYCLONE BULLETIN NO. 7**  
**Typhoon "ODETTE"**

Issued at 2:00 AM, 16 December 2021  
 Valid for broadcast until the next bulletin at 5:00 AM today

<b>TYPHOON "ODETTE" MAINTAINS ITS STRENGTH AS IT APPROACHES THE WATERS OFF TO THE EAST OF CARAGA REGION</b>	
<b>Location of Center (1:00 AM)</b>	<p style="text-align: center;">Track of Typhoon "ODETTE" {RAI}</p> <p style="text-align: center;">Philippine Atmospheric Geophysical and Astronomical Services Administration</p>
The center of the eye of Typhoon "ODETTE" was estimated based on all available data including those from Hinatuan Doppler Weather Radar at <b>410 km East of Surigao City, Surigao del Norte (9.4°N, 129.2°E)</b>	
<b>Intensity</b>	
Maximum sustained winds of <b>140 km/h</b> near the center, gustiness of up to <b>170 km/h</b> , and central pressure of <b>965 hPa</b>	
<b>Present Movement</b>	
<b>Westward at 20 km/h</b>	
<b>Extent of Tropical Cyclone Winds</b>	
<b>Strong winds or higher extend outwards up to 400 km from the center</b>	

<b>TRACK AND INTENSITY FORECAST</b>						
Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 11:00 AM 16 December 2021	9.6	126.8	145 km East of Surigao City, Surigao del Norte	155	TY	W 25
<b>24-Hour Forecast</b> 11:00 PM 16 December 2021	9.9	123.6	In the vicinity of Argao, Cebu	150	TY	W 30
<b>36-Hour Forecast</b> 11:00 AM 17 December 2021	10.2	120.7	80 km South Southwest of Cuyo, Palawan	140	TY	W 25
<b>48-Hour Forecast</b> 11:00 PM 17 December 2021	10.5	118.2	105 km Northwest of Puerto Princesa City, Palawan	140	TY	W 25
<b>60-Hour Forecast</b> 11:00 AM 18 December 2021	11.1	115.3	130 km East of Pag-asa Island, Kalayaan, Palawan	150	TY	WNW 25
<b>72-Hour Forecast</b> 11:00 PM 18 December 2021	11.9	112.7	185 km West Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	150	TY	WNW 25
<b>96-Hour Forecast</b> 11:00 PM 19 December 2021	13.8	110.6	490 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	110	STS	NW 15
<b>120-Hour Forecast</b> 11:00 PM 20 December 2021	17.1	111.4	955 km West of Northern Luzon (outside the PAR)	85	TS	NE 15

Prepared by: **RPG**

Checked by: **SFD**



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<b>TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT</b>			
<b>TCWS No.</b>	<b>Luzon</b>	<b>Visayas</b>	<b>Mindanao</b>
<b>3</b> (Destructive typhoon-force winds prevailing or expected within 18 hours)	-	<b>Southern Leyte</b>	<b>Dinagat Islands, Surigao del Norte, the northern portion of Agusan del Norte</b> ( <i>Tubay, Santiago, Jabonga, Kitcharao</i> ), and <b>the northern portion of Surigao del Sur</b> ( <i>Carrascal, Cantilan, Madrid, Carmen, Lanuza, Cortes</i> )
<b>2</b> (Damaging gale- to storm-force winds prevailing or expected within 24 hours)	<b>The southern portion of Masbate</b> ( <i>Cataingan, Pio V. Corpuz, Esperanza, Placer, Balud, Cawayan</i> )	<b>The central and southern portions of Eastern Samar</b> ( <i>Guiuan, Salcedo, Quinapondan, Giporlos, Balangiga, Lawaan, General Macarthur, Hernani, Lorente, Balangkayan, Maydolong, City of Borongan, San Julian, Sulat, Taft, Can-Avid, Mercedes</i> ), <b>the central and southern portions of Samar</b> ( <i>Marabut, Basey, Santa Rita, Villareal, Pinabacdao, Calbiga, Hinabangan, Paranas, Motiong, Jiabong, City of Catbalogan, San Sebastian, Zumarraga, Daram, Talalora, San Jorge, Tarangnan, Pagsanghan, Santo Niño, Almagro, Tagapul-An</i> ), <b>Biliran, Leyte, Cebu, Bohol, Negros Oriental, Siquijor, Negros Occidental, Guimaras, Iloilo, Capiz, and the southern portion of Antique</b> ( <i>Laua-An, Bugasong, Valderrama, San Remigio, Patnongon, Belison, San Jose, Sibalom, Hamtic, Tobias Fornier, Anini-Y</i> )	<b>The rest of Surigao del Sur, the rest of Agusan del Norte, Agusan del Sur, the northern portion of Bukidnon</b> ( <i>Malitbog, Impasug-Ong, Manolo Fortich</i> ), <b>Misamis Oriental, Camiguin, the extreme northern portion of Misamis Occidental</b> ( <i>Sapang Dalaga, Baliangao, Plaridel, Calamba, Lopez Jaena, Oroquieta City</i> ), and <b>the extreme northern portion of Zamboanga del Norte</b> ( <i>Dipolog City, Dapitan City, Sibutad, Rizal</i> )



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<b>1</b> (Strong winds prevailing or expected within 36 hours)	<b>Catanduanes, Camarines Sur, Albay, Sorsogon, the rest of Masbate including Ticao and Burias Islands, Marinduque, Romblon, the southern portion of Quezon</b> ( <i>San Antonio, Tiaong, Candelaria, Sariaya, Dolores, Lucena City, Pagbilao, Padre Burgos, Atimonan, Agdangan, Unisan, Gumaca, Plaridel, Pitogo, Lopez, Guinayangan, Buenavista, Catanauan, General Luna, Macalelon, Mulanay, San Narciso, San Andres, San Francisco</i> ), <b>the southern portion of Batangas</b> ( <i>San Juan, Lobo, Taysan, Rosario, Padre Garcia, Ibaan, Batangas City, San Pascual, San Luis, Bauan, Mabini, Tingloy, Calatagan</i> ), <b>Oriental Mindoro, Occidental Mindoro, and the northern and central portions of Palawan</b> ( <i>San Vicente, Roxas, Taytay, Dumaran, Araceli, El Nido, Puerto Princesa City</i> ) <b>including Calamian, Cagayancillo and Cuyo Islands</b>	<b>Northern Samar, the rest of Eastern Samar, the rest of Samar, Aklan, Antique, Capiz, and the rest of Iloilo</b>	<b>The northern portion of Davao Oriental</b> ( <i>Boston, Cateel</i> ), <b>the northern portion of Davao de Oro</b> ( <i>Monkayo, Compostela, Montevista, Laak</i> ), <b>the northern portion of Davao del Norte</b> ( <i>San Isidro, Kapalong</i> ), <b>the rest of Misamis Occidental, the central portion of Bukidnon</b> ( <i>Talakag, Lantapan, City of Valencia, City of Malaybalay, San Fernando, Cabanglasan, Libona, Baungon, Sumilao</i> ), <b>the northern portion of Lanao del Norte</b> ( <i>Baroy, Tubod, Kolambugan, Magsaysay, Tangcal, Munai, Maigo, Bacolod, Kauswagan, Poona Piagapo, Pantao Ragat, Matungao, Baloi, Iligan City, Linamon, Tagoloan, Pantar</i> ), <b>the northern portion of Lanao del Sur</b> ( <i>Madalum, Bacolod-Kalawi, Tugaya, Balindong, Piagapo, Saguiaran, Marantao, Marawi City, Kapai, Tagoloan II, Bubong, Ditsaan-Ramain, Buadiposo-Buntong</i> ), <b>the northern portion of Zamboanga del Norte</b> ( <i>Labason, Kalawit, Tampilisan, Liloy, Salug, Godod, Bacungan, Sindangan, Siayan, Jose Dalman, Manukan, Pres. Manuel A. Roxas, Katipunan, Sergio Osmeña Sr., Mutia, La Libertad, Gutalac, Baliguian, Piñan, Polanco</i> ), and <b>the northern portion of Zamboanga del Sur</b> ( <i>Dumingag, Ramon Magsaysay, Midsalip, Sominot, Mahayag, Molave, Josefina, Tambulig</i> )



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**HAZARDS AFFECTING LAND AREAS**

**Heavy Rainfall**

- **Until tonight:** Heavy to intense with at times torrential rains over Caraga, Misamis Oriental, Camiguin, Southern Leyte, and Bohol. Moderate to heavy with at times intense rains over Leyte, the southern portions of Eastern Samar and Samar, Cebu, Siquijor, Negros Oriental, Zamboanga del Norte, Lanao del Sur, and the rest of Northern Mindanao, Light to moderate with at times heavy rains over Bicol Region, Davao Oriental, Davao de Oro, Davao del Norte, and the rest of Visayas, Zamboanga Peninsula, and mainland Bangsamoro.
- **Tonight through tomorrow evening:** Heavy to intense with at times torrential rains over Central Visayas, Western Visayas, and Palawan including Calamian Islands, Cuyo, and Cagayancillo Islands. Moderate to heavy with at times intense rains over Bicol Region, Zamboanga Peninsula, Occidental Mindoro, Oriental Mindoro, Romblon, Lanao del Norte, Lanao del Sur, and the rest of Visayas. Light to moderate with at times heavy rains over Caraga, Quezon, the southern portion of Aurora, and the rest of Northern Mindanao and MIMAROPA.
- **Tomorrow evening through Saturday evening:** Heavy to intense with at times torrential over the central portion of Palawan including Kalayaan Islands. Moderate to heavy rains over Aurora, Quezon, and the rest of Palawan.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

**Severe Winds**

- Destructive typhoon-force winds will be experienced within any of the areas where TCWS #3 is in effect. This may bring moderate to heavy damage to structures and vegetation.
- Damaging winds reaching gale- to storm-force strength will be experienced within any of the areas where TCWS #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the typhoon. This may generally bring up to very light damage to structures and vegetation.

**Coastal Inundation**

There is a moderate to high risk of storm surge of up to 3.0 m in height which may cause flooding in the low-lying coastal areas of Central Visayas, Iloilo, Guimaras, Negros Occidental, Eastern Samar, Southern Leyte, Dinagat Islands, Surigao del Norte, Surigao del Sur, and several localities in the northern portion of Palawan including Calamian, Cuyo and Cagayancillo Islands, Antique, Camiguin, Leyte, Agusan del Norte, and Davao Oriental. For more information, refer to Storm Surge Warning #3 issued at 2:00 AM today.

**HAZARDS AFFECTING COASTAL WATERS**

- In the next 24 hours, moderate to very high seas (1.2 to 10.0 m) will be experienced over the seaboard of areas where TCWS is in effect (especially in the open sea areas). **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Typhoon “ODETTE” and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for several coastal waters not under any wind signal, specifically the seaboard of Northern Luzon, the eastern seaboard of Central Luzon, and the eastern seaboard of Southern Luzon and Mindanao. For more information, refer to Gale Warning #48 (Intermediate) issued at 11:00 PM yesterday.
- In the next 24 hours, moderate to rough seas (1.2 to 3.1 m) will also prevail over the remaining seaboard of the country that are not under any wind signal. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.



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#### TRACK AND INTENSITY OUTLOOK

- On the forecast track, Typhoon "ODETTE" will move westward over the Philippine Sea and the center of its eye is forecast to make landfall in the vicinity of Dinagat Islands, Siargao-Bucas Grande Islands, or the northern portion of Surigao del Sur this afternoon. Afterwards, the center of "ODETTE" will continue moving generally westward and cross several provinces in Central and Western Visayas regions before emerging over the Sulu Sea tomorrow morning. After passing near or in the vicinity of either Cuyo or Cagayancillo archipelago, this tropical cyclone is forecast to cross the northern or central portion of Palawan tomorrow afternoon or evening before emerging over the West Philippine Sea.
- Further intensification is expected today as the typhoon crosses the Philippine Sea and may reach a peak intensity of 155 km/h prior to landfall. This tropical cyclone may see some slight weakening as it crosses northeastern Mindanao, Visayas, and Palawan, but it is forecast to remain within the typhoon category. Re-intensification is likely once "ODETTE" emerges over the West Philippine Sea. However, weakening may ensue beginning Sunday as the typhoon becomes exposed to increasing vertical wind shear and the surge of the Northeast Monsoon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

**DOST-PAGASA**